DOE ENERGY STORAGE SYSTEMS RESEARCH ANNUAL PEER REVIEW AGENDA

November 10– 11, 2004 Washington Marriott Hotel 1221 22nd Street NW Washington, DC 20037

Wednesday, November 10, 2004

7:45 AM	Continental Breakfast
8:30	Welcome and Overview – Dr. Imre Gyuk, DOE
8:40	DOE Perspective – DOE
9:00	ESS Program Overview – John Boyes, Sandia National Laboratories
9:20	NYSERDA/DOE Joint Energy Storage Initiative – Joe Sayer, NYSERDA
9:40	CEC/ DOE Energy Storage Initiative • Project Overview – Pramod Kulkarni, CEC • Data Management – Doug Dorr, EPRI, PEAC
10:20	Break
10:40	Boeing Superconducting Flywheel Development – Philip Johnson, Boeing
11:00	Bipolar Nickel Metal Hydride Battery Development and Testing – Jamie Landi, EEI and Joe Waligorski, First Energy
11:20	NanoMaterial-Based Electrodes for Energy Storage Devices – Amit Singhal, NEI Corporation
11:40	Lunch on your own
1:00 PM	Alternative Configurations to Optimize Lead-Acid Batteries for Renewable Generation and Storage, R&D and Testing for US Coast Guard – Phil Symons, EECI
1:30	Optically Isolated, HV/IGBT-Based, Megawatt, Cascaded Inverter Building Block for DER Applications and Low- cost, Modular, Highly Reliable Inverter — Paul Duncan, Airak, Inc.
1:50	Development of PCS Systems for Super Capacitors – Dave Nichols, AEP
2:10	Break

2:30	Integration and Testing of Energy Storage with FACTS Devices for Stability, Voltage Maintenance, and D/C Interaction – Mariesa Crow, UMR	
2:50	ETO Switch Development for Power Conditioning - Alex Huang, NCSU	
3:10	Inverter Packaging with Integral Liquid Cooled Heat Exchanger – Larry Rinehart, RinehartMotion Systems	
3:30 - 5:30	INTERNATIONAL PERSPECTIVES ON ENERGY STORAGE, Panel Discussion, organized by the Electricity Storage Association (ESA)	
5:00 – 7:30	RECEPTION, co-hosted by ESA and the US Energy Association	
Thursday, November 11, 2004		
8:30AM	Impact of CAES on Wind in TX, OK, NM - Nisha Desai, Ridge Energy	
8:50	CAES Projects in Iowa – Bob Haug, Iowa Association of Municipal Utilities	
9:10	Overcoming Transmission Constraints: Energy Storage and WY Wind Power – Mindy Farber-DeAnda, SAIC	
9:30	EPRI-DOE Storage Handbook – Storage for Wind Resources – Dan Mears, Technology Insights	
9:50	Analysis of the NAS Battery Demonstration at AEP – Ben Norris, Gridwise	
10:10	Break	
10:30	Lead Carbon Supercapacitors Development - Charles Koontz, AEP	
10:50	Comparison Testing of Supercapacitors – Tom Hund, Sandia	
11:10	Advanced, Lead-Acid Battery Improvement Studies - Pat Moseley, ILZRO	
11:30	Lunch on your own	
1:00 PM	Alaska Battery-Diesel System (Model Development; Lime Village Data (Acquisition & Analysis) – Lumas Kendrick, Sentech	
1:20	Applying Bulk Energy Storage to HELCO Operational Issues, Larry Markel, Sentech	
1:40	Value of Storage for Restructured Utilities – Joe Iannucci, DUA	
2:00	Short vs. Long-term Energy Storage Technologies Assessment – Susan Schoenung, 122 West	
2:20	The Value of Reliability Resources – Joe Eto, LBL	
2:25	Energy Storage and the Cost of Darkness - Dr. Imre Gyuk	

Return to Top